

104. The device of claim 102, wherein said solid substrate comprises microfabricated silicon.

105. The device of claim 102, wherein said flow system further comprises a detection chamber in fluid communication with said amplification chamber.--

#### REMARKS

Applicants submit this preliminary amendment to more fully claim what is regarded as the invention and to correct certain typographical errors. This amendment is fully supported in the original specification including, for example, at: page 4, lines 1-17; page 8, line 20; page 9, lines 4-13; page 10, lines 21-33; page 14, lines 7-35; page 15, lines 1-4 and 25-26; page 17, lines 3-23 and 32-33; page 20, line 4; and Fig. 2. No new matter is presented.

The Examiner is requested to call the undersigned at (415) 322-5070 if there are any questions.

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Respectfully submitted,

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